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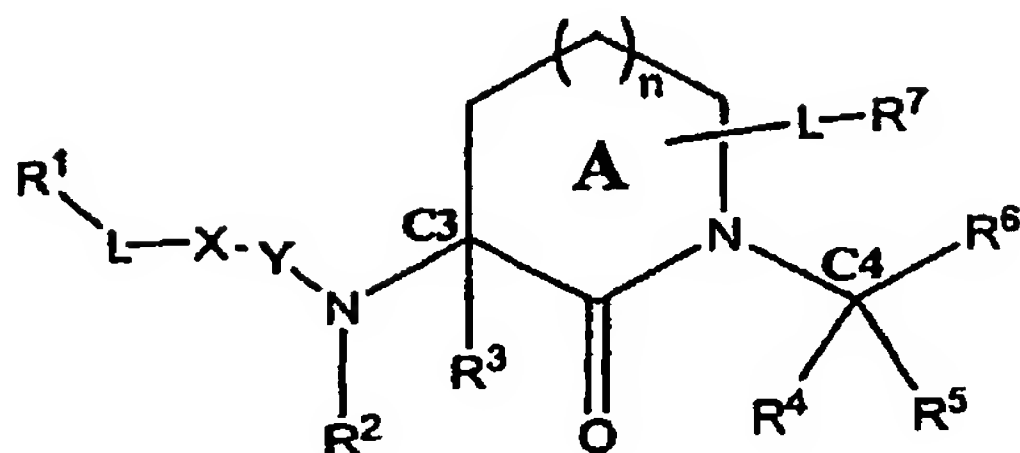
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(54) Title: LACTAMS AS CONFORMATIONALLY CONSTRAINED PEPTIDOMIMETIC INHIBITORS



(I)

(57) Abstract: The present invention relates to inhibitors of post-proline cleaving enzyme, such as inhibitors of dipeptidyl peptidase IV, as well as pharmaceutical compositions thereof, and methods for using such inhibitors. In particular, the inhibitors of the present invention incorporate a lactam ring in the backbone of the inhibitors. The compounds of the present invention can have a better therapeutic index, owing in part to reduced

toxicity and/or improved specificity for the targeted protease.



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